Intent to Raise Questions

22 Otober 2019

[QUESTION 1](#_QUESTION_1): hemp fields around University (AJ Bieszczad, Computer Science)

 [ANSWER to 1](#_ANSWER_1)

[QUESTION 2](#_QUESTION_2): makerspace(s) on campus (Phil Hampton, Chemistry)

 [First ANSWER to 2](#_ANSWERS_TO_2:)

 [Second ANSWER to 2](#_ANSWER_2_ALSO:)

 [Third ANSWER to 2](#_ANSWER_2:_Yet)

## QUESTION 1

From: Bieszczad, A.J. <aj.bieszczad@csuci.edu>

Sent: Wednesday, October 2, 2019 3:13 PM

To: Wood, Gregory

Cc: Bieszczad, Anna

Subject: Smell related to the hemp fields around the university

Greg,

I teach on Tuesdays, so I do not attend the Senate meetings, but I wonder whether any discussion has developed regarding the smell coming from the hemp fields that started to pop up generously in VC, and especially in the vicinity of the university off Lewis and Lantana (just across the Callegas Creek).

The smell is overwhelming on the campus and on the UGlen with some people complaining about headaches and nausea (including Anna and I; see NextDoor discussion for others).

The problem is especially interesting because of the Executive Order 1108:

'TOBACCO FREE CAMPUS: Pursuant to Executive Order 1108, beginning August 23, 2017, CSU Channel Islands became a smoke and tobacco free campus. Per the Site Authority “Smoking should be permitted inside residential units and in privately owned outdoor areas (patios) but prohibited in common areas of the Site Authority property” which includes the Common Areas of University Glen. Be aware that non-compliance may result in a fine.'

If nobody raised the issue so far, then I would like to present this as a formal question. **Is the University doing anything about it, and if no, then why not, and are there any plans to do so in the near future.**

Here are some useful links:

Wikipedia: https://en.wikipedia.org/wiki/Hemp

"Hemp, or industrial hemp, is a strain of the Cannabis sativa plant species that is grown specifically for the industrial uses of its derived products."

A very scientific article that explains the smell (especially, check Terpenes):

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4740396/

Some anecdotal writing about hemp:

https://www.pbs.org/newshour/nation/8-things-didnt-know-hemp

Thank you,

AJ

### ANSWER 1

Following is information received by Joyce Spencer in Environmental Health and Safety.  Please let me know if you have any questions.

I heard back from the Andy Calderwood, Ventura County Deputy Ag Commissioner. Mr. Calderwood is unaware of any known health hazards from the smell of the Hemp plant. Additionally, during my research, I was unable to uncover any studies or reports on negative health effects associated with the smell of the hemp plants. With that said, there may be individuals that are more sensitive to smells and odors than others within our campus community.

·         The crop being grown is industrial hemp (see definition below).

·         Industrial Hemp plants are planted in spring and begin to mature around late September-October.

o    Plants become odiferous as they mature and resin builds-up on their leaves.

o    Just prior to harvesting, testing is done by the Ag commission to ensure the plants are complying with the industrial hemp definition and permits.

o    Harvesting begins when plants mature, and started approximately two weeks ago (late September).

o    Harvesting begins with cutting the top portion off of the plants.

o    Subsequently the plant is allowed to grow/mature a few weeks longer and then the famers will use a combine or other machine to harvest the whole plant.

Mr. Calderwood did indicate that he is taking into consideration all the feedback he receives from the community and relaying that back to the county's hemp producers, especially the biggest growers, HCG Partners of Las Vegas. The Ag commission will be working with the growers to reduce complaints from odors through various techniques.

## QUESTION 2

 Dear Greg,

I count myself as a "Maker" (3D printing, laser cutting, soldering, wood work, electronics, CAD, amd prototyping) and I work with two area Makerspaces (VC Makes and RC Makes). "Making" is a multi-disciplinary and interdisciplinary effort that should not, in my opinion, be housed in any one college or academic program. I perceive that there are several disconnected efforts on campus related to the creation of campus Makerspace(s) and these efforts are not coordinating with one another to make sure that a campus Makerspace facility is open to ALL of our students and meets the needs of ALL academic programs on campus.

I have two Intent to Raise Questions:

 **Which areas (academic programs, colleges) on the campus are pursuing the creation of a MakerSpace and what is the current status of their efforts?**

 **Would the Provost consider convening a cross-disciplinary working group/ committee to examine the creation of single, common facility and invite interested faculty and academic programs to provide input on the creation of such a facility?**

If there is an opportunity to offer this question at Tuesday's Academic Senate meeting, then I will raise it.

Sincerely,

Phil

### ANSWERS TO 2:

Hello Greg,

Since there have been many responses coming to you regarding maker’s space, Alicia and I thought that we would work with the Deans to collect information and package an “official” answer that you can deliver. So here we go….

At this time, the library and University Advancement are in conversations with a donor that has specific interest in supporting a library makerspace. However, it is important to note that exploring the opportunity for library maker space does not and will not limit the number or type of makerspaces that exist or may be developed to support instructional programs across the campus. Because the intent of this particular donor is to work directly with libraries, this project is focused on seeing if existing library space can be modified to support an interdisciplinary makerspace without negative impact on student access to library services and space for scholarly study.

If developed, the library makerspace would support knowledge creation across discipline and departmental boundaries as an open access service for all students. The project is at an early planning stage. A first step has been to survey the faculty to ask what is needed and to identify partners who would like to participate in the library makerspace conceptualization and development. The next step will be to invite those faculty members who have indicated interest to meet to identify what equipment and services are the best fit for a general-use makerspace. Ideally the library makerspace would complement existing and planned makerspaces that are discipline or program specific.

If developed, the library will have responsibility to integrate the services into the building, provide staff and support, and find an ongoing means of funding the operation. As a result of this responsibility and the particular interest of the donor, the library is taking the lead on planning for the project. It should be noted that no ongoing funding currently exists, and that may be the largest hurdle to realizing this project.

Having met with the deans to confirm the nature of the project, the next step will be for the library to call a meeting with the faculty who have responded to the survey in an attempt to identify proposed equipment and services for the space. This will help determine building renovation costs and funding requirements to advance the project.

We hope this helps explain the nature of this specific project, its potential funding source, and where it fits in the larger landscape of makerspaces that exist or might be developed.

Thanks again Greg for reaching out!

Sincerely,

Nichole and Alicia

### ANSWER 2 ALSO:

Hi Greg,

The Computer Science / IT / Mechatronics Engineering departments currently has some maker capabilities which mainly involves a handful of 3D printers and some power tools such as a drill press.

Long term I envision the campus having a larger maker space / machine shop which would likely need to be managed by a full time machinist who would be responsible for training students to safely use the equipment as well as maintaining the space. This type of space will become more utilized as our Mechatronics Engineering major becomes more mature, and students start requiring these capabilities for classes such as capstone.

In the new plans for Gateway Hall I see there is 600 square feet allocated for a shop area, but I am not sure if that will be big enough.

Best,

Jason

### ANSWER 2: Yet Another Answer:

Hi everyone,

 when: Friday 11/1/2019 10 am – 11 am

where: Broome Library 1670

You are the kind souls that responded to the library makerspace survey or have been identified as a person interested in makerspaces on campus! We are very interested in learning more about your needs for an interdisciplinary makerspace. This meeting is to learn what already exists or is being planned on campus and to identify wants and needs for the library space. We realize not all will be able to attend, but this looked like the most optimal time to get the most voices in the room.

Thanks,

Janet